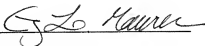


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Dougherty et al.**Application No.** 10/501,848**Filed:** July 16, 2004**Confirmation No.** 7131**For:** SIMULATING MICROARRAYS USING A  
PARAMETERIZED MODEL**Examiner:** James Martinell**Art Unit:** 1634**Attorney Reference No.** 4239-64453-02/GLMCERTIFICATE OF FILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being filed by EFS on the date shown below.

Attorney or Agent  
for Applicant(s)



Date Mailed October 26, 2006

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

TRANSMITTAL LETTER

Enclosed is an Amendment for the above application. The fees have been calculated as shown below.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims	35	- 33*	= 2	\$50.00	\$ 100.00
Indep. Claims	6	- 5**	= 1	\$200.00	\$ 200.00
Mult. Dep. Claims Fee (if not previously paid)				\$360.00	
One-month Extension of Time				\$120.00	\$120.00
IDS Under 37 C.F.R. § 1.97(c)				\$180.00	\$180.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$600.00

\* greater of twenty or number for which fee has been paid.

\*\* greater of three or number for which fee has been paid.



Applicant petitions for an extension of time for the number of months indicated above. If an additional extension of time is required please consider this a petition therefor.


- ☒ Information Disclosure Statement.
- ☒ Form 1449 and References.
- ☒ Declaration of Edward Dougherty Under 35 C.F.R. § 1.132
- ☒ 15 Sheets of Replacement Drawings
- ☒ Charge \$600.00 to Deposit Account No. 02-4550.
- ☒ Please charge any fees that may be required in connection with filing this Amendment, Replacement Drawings, IDS and Declaration, and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550.
- ☒ If the Patent and Trademark Office determines that this amendment results in an additional application size fee for pages in excess of 100, please charge the fee to Deposit Account No. 02-4550.

Respectfully submitted,

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By

  
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Gregory L. Maurer  
Registration No. 43,781

cc: Docketing  
Accounting